

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/051508

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G11B20/12 G11B27/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/081535 A1 (ROSS KEVIN) 1 May 2003 (2003-05-01) the whole document	1-5
A	EP 0 817 195 A (SONY CORP) 7 January 1998 (1998-01-07) abstract column 32, line 22 - column 36, line 53 figures 29-35	1-5
A	EP 0 777 227 A (SONY CORP) 4 June 1997 (1997-06-04) abstract column 57, line 45 - line 59 figure 1	1,4

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

26 October 2004

Date of mailing of the international search report

14/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Sucher, R

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051508

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003081535 A1	01-05-2003	EP 1442459 A1 WO 03038823 A1	04-08-2004 08-05-2003
EP 0817195 A	07-01-1998	JP 10021673 A EP 0817195 A2 US 6072759 A	23-01-1998 07-01-1998 06-06-2000
EP 0777227 A	04-06-1997	AT 214833 T AU 709193 B2 AU 5845596 A BR 9606403 A DE 69619938 D1 DE 69619938 T2 EP 0777227 A1 US 6130870 A CN 1159245 A ,C WO 9638842 A1 US 5999508 A US 6058091 A US 5856958 A US 5926448 A	15-04-2002 26-08-1999 18-12-1996 28-10-1997 25-04-2002 17-10-2002 04-06-1997 10-10-2000 10-09-1997 05-12-1996 07-12-1999 02-05-2000 05-01-1999 20-07-1999